



PTO/SB/21 (09-06)

Approved for use through 03/31/2007. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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# TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission

8

Application Number

10/591,834

Filing Date

September 5, 2006

First Named Inventor

Masanobu Akimoto

Art Unit

Not Yet Assigned

Examiner Name

Not Yet Assigned

Attorney Docket Number

31671-235624

## ENCLOSURES (Check all that apply)

☒ Fee Transmittal Form☐ Fee Attached☐ Amendment/Reply☐ After Final☐ Affidavits/declaration(s)☐ Extension of Time Request☐ Express Abandonment Request☐ Information Disclosure Statement☐ Certified Copy of Priority Document(s)☒ Reply to Notification of Missing Requirements Under 35 U.S.C. 371 in U.S. Designated/Elected Office☐ Reply to Missing Parts under 37 CFR 1.52 or 1.53☐ Drawing(s)☐ Licensing-related Papers☐ Petition☐ Petition to Convert to a Provisional Application☐ Power of Attorney, Revocation Change of Correspondence Address☐ Terminal Disclaimer☐ Request for Refund☐ CD, Number of CD(s) \_\_\_\_\_☐ Landscape Table on CD☐ After Allowance Communication to TC☐ Appeal Communication to Board of Appeals and Interferences☐ Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)☐ Proprietary Information☐ Status Letter☒ Other Enclosure(s) (please Identify below):

Combined Declaration and Power of Attorney  
Copy of Notification of Missing Requirements Under 35 U.S.C. 371 in the U.S. Designated/Elected Office

Remarks

## SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name

VENABLE LLP

Signature

Printed name

Nancy J. Axelrod

Date

March 15, 2007

Reg. No.

44,014



PTO/SB/17 (07-06)

Approved for use through 01/31/2007. OMB 0651-0032  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no person are required to respond to a collection of information unless it displays a valid OMB control number.

Effective on 12/08/2004.  
Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).**FEE TRANSMITTAL**  
**For FY 2006**☐ Applicant claims small entity status. See 37 CFR 1.27**TOTAL AMOUNT OF PAYMENT** (\$) 130.00**Complete if Known**

Application Number	10/591,834
Filing Date	September 5, 2006
First Named Inventor	Masanobu Akimoto
Examiner Name	Not Yet Assigned
Art Unit	Not Yet Assigned
Attorney Docket No.	31671-235624

**METHOD OF PAYMENT** (check all that apply)

☐ Check ☐ Credit Card ☐ Money Order ☐ None ☐ Other (please identify): \_\_\_\_\_

☒ Deposit Account Deposit Account Number: 22-0261 Deposit Account Name: Venable LLP

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☐ Charge fee(s) indicated below, except for the filing fee

☒ Charge any additional fee(s) or underpayments of fee(s) under 37 CFR 1.16 and 1.17 ☒ Credit any overpayments

**FEE CALCULATION****1. BASIC FILING, SEARCH, AND EXAMINATION FEES**

Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		Fees Paid (\$)
	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	
Utility	300	150	500	250	200	100	
Design	200	100	100	50	130	65	
Plant	200	100	300	150	160	80	
Reissue	300	150	500	250	600	300	
Provisional	200	100	0	0	0	0	

**2. EXCESS CLAIM FEES**

Fee Description	Fee (\$)	Small Entity Fee (\$)
Each claim over 20 (including Reissues)	50	25
Each independent claim over 3 (including Reissues)	200	100
Multiple dependent claims	360	180

Total Claims    Extra Claims    Fee (\$)    Fee Paid (\$)

102    - 102    x    =    \_\_\_\_\_

HP = highest number of total claims paid for, if greater than 20.

Indep. Claims    Extra Claims    Fee (\$)    Fee Paid (\$)

39    - 39    x    =    \_\_\_\_\_

HP = highest number of independent claims paid for, if greater than 3.

**3. APPLICATION SIZE FEE**

If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

Total Sheets    Extra Sheets    Number of each additional 50 or fraction thereof    Fee (\$)    Fee Paid (\$)

\_\_\_\_\_ - 100 = \_\_\_\_\_ /50 \_\_\_\_\_ (round up to a whole number) x \_\_\_\_\_ = \_\_\_\_\_

**4. OTHER FEE(S)**

Non-English Specification, \$130 fee (no small entity discount)

Other (e.g., late filing surcharge): 1051 Surcharge-Late oath or declaration \_\_\_\_\_ 130.00

<b>SUBMITTED BY</b>		<b>03/19/2007 GEREY1 00000000 00000000</b>	
Signature	<u>Nancy Axelrod</u>	Registration No. (Attorney/Agent)	44,014 Telephone <u>(202) 344-4000</u>
Name (Print/Type)	Nancy J. Axelrod	Date	March 15, 2007

10591834



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Akimoto et al.

Application No. 10/591,834

Confirmation No. 3085

Filed: September 5, 2006

For: METHOD OF DETECTING  
ALLERGEN

Art Unit: *To Be Assigned*

Examiner: *To Be Assigned*

Atty. Docket No. 31671-235624

Customer No.

**26694**

PATENT TRADEMARK OFFICE

**RESPONSE TO NOTIFICATION OF MISSING REQUIREMENTS**

**MAIL STOP PCT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

In response to the enclosed Missing Requirements Notice of March 9, 2007,  
attached are copies of the following documents:

- Transmittal Form;
- Fee Transmittal;
- Combined Declaration and Power of Attorney;  
and
- Copy of Notification of Missing Requirements Under 35 U.S.C. 371 In the  
United States Designated/Elected Office (DO/EO/US) dated March 9,  
2007

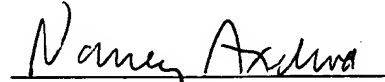
It is believed fees totaling \$130 include:

\$130 late submission of filing oath or declaration.

The Commissioner is also authorized to charge any additional fees or credit any overpayment in connection with this response to our Deposit Account No. 22-0261 under Order No. 31671-235624.

Dated: March 15, 2007

Respectfully submitted,



Nancy J. Axelrod

Registration No.: 44,014

VENABLE LLP

P.O. Box 34385

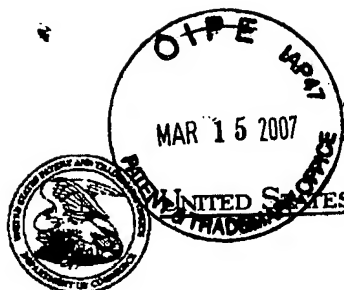
Washington, DC 20043-9998

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Attorney/Agent For Applicant

NJA/ftp  
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UNITED STATES PATENT AND TRADEMARK OFFICE

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 United States Patent and Trademark Office  
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 www.uspto.gov

RA: ASH  
 WA: NJA

U.S. APPLICATION NUMBER NO. 10/591,834	FIRST NAMED APPLICANT Masanobu Akimoto	ATTY. DOCKET NO. 31671-235624
INTERNATIONAL APPLICATION NO. PCT/IP05/03799		
I.A. FILING DATE 03/04/2005	PRIORITY DATE 03/05/2004	

26694  
 VENABLE LLP  
 P.O. BOX 34385  
 WASHINGTON, DC 20043-9998

CONFIRMATION NO. 3085

371 FORMALITIES LETTER



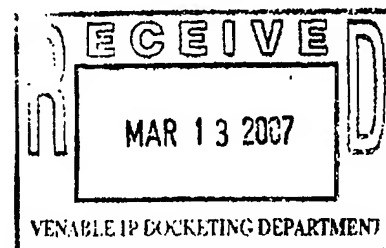
\*OC000000022821734\*

Date Mailed: 03/09/2007

### NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

- Copy of the International Application filed on 09/05/2006
- English Translation of the IA filed on 09/05/2006
- Copy of the International Search Report filed on 09/05/2006
- Preliminary Amendments filed on 09/05/2006
- Information Disclosure Statements filed on 09/05/2006
- Biochemical Sequence Diskette filed on 09/05/2006
- Biochemical Sequence Listing filed on 09/05/2006
- U.S. Basic National Fees filed on 09/05/2006
- Priority Documents filed on 09/05/2006



The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date.

**ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.**

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

Registered users of EFS-Web may alternatively submit their reply to this notice via EFS-Web.  
<https://portal.uspto.gov/authenticate/AuthenticateUserLocalEPF.html>

For more information about EFS-Web please call the USPTO Electronic Business Center at 1-866-217-9197 or visit our website at <http://www.uspto.gov/ebc>.

**If you are not using EFS-Web to submit your reply, you must include a copy of this notice.**

CHARITTA A BURT

Telephone: (703) 308-9140 EXT 207

**PART 1 - ATTORNEY/APPLICANT COPY**

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
10/591,834	PCT/JP05/03799	31671-235624